

## Certificate of Conformance

### Details

Date : 22nd November 2022

Type : Nitrile Glove White ( Class 100 )

Length : 12"

Batch No : N800422

### Testing method

On analysis in accordance with IEST -RP-CC005.4, Test method for Gloves and Fingercots used in Cleanroom and other controlled environments.

### Cleanliness Results :

Size	Part No	Lot No	No. of Trial	Liquid Particle Count, counts/cm <sup>2</sup>	Fluoride µg/cm <sup>2</sup>	Chloride µg/cm <sup>2</sup>	Nitrite µg/cm <sup>2</sup>	Nitrate µg/cm <sup>2</sup>	Bromide µg/cm <sup>2</sup>	Phosphate µg/cm <sup>2</sup>	Sulphate µg/cm <sup>2</sup>	NVR (DI) µg/cm <sup>2</sup>	FTIR result
				0.5-20µm									Silicone oil, Amide & Phthalate Not Detected
				< 900									< 0.01
S	TN2001W	N80 / BTPL 8100264	1	818	< MDL	0.104	< MDL	0.117	< MDL	< MDL	0.009	0.97	Not Detected
			2	775	< MDL	0.073	< MDL	0.154	< MDL	< MDL	0.012	1.34	
			3	820	< MDL	0.126	< MDL	0.109	< MDL	< MDL	0.010	1.06	
			Avg	804	< MDL	0.101	< MDL	0.127	< MDL	< MDL	0.010	1.12	
M	TN2002W	N80 / BTPL 8100335	1	648	< MDL	0.084	< MDL	0.136	< MDL	< MDL	0.016	0.82	Not Detected
			2	527	< MDL	0.053	< MDL	0.103	< MDL	< MDL	0.011	0.66	
			3	801	< MDL	0.099	< MDL	0.081	< MDL	< MDL	0.018	0.91	
			Avg	659	< MDL	0.079	< MDL	0.107	< MDL	< MDL	0.015	0.80	
XL	TN2004W	N80 / BTPL 8100182	1	499	< MDL	0.137	< MDL	0.166	< MDL	< MDL	0.031	1.31	Not Detected
			2	552	< MDL	0.118	< MDL	0.170	< MDL	< MDL	0.024	1.59	
			3	603	< MDL	0.125	< MDL	0.154	< MDL	< MDL	0.029	1.17	
			Avg	551	< MDL	0.127	< MDL	0.163	< MDL	< MDL	0.028	1.36	

**Results :**

Cleanliness Test										ESD Test			
Size	Part No	Lot No	No. of trial	Lithium µg/cm <sup>2</sup>	Sodium µg/cm <sup>2</sup>	Ammonium µg/cm <sup>2</sup>	Potassium µg/cm <sup>2</sup>	Calcium µg/cm <sup>2</sup>	Magnesium µg/cm <sup>2</sup>	Decay Time (s)		Tribo Charge	SRM Ohms / sq
										+ve 1 KV	-ve 1 KV		
										<= 0.5 s		<= 20 Volt	
S	TN2001W	N80 / BTPS 8100264	1	< MDL	0.015	0.005	0.008	0.118	< MDL	0.1	0.1	9	3.31E+10
			2	< MDL	0.019	0.004	0.006	0.129	< MDL	0.1	0.1	6	3.85E+10
			3	< MDL	0.017	0.005	0.007	0.123	< MDL	0.1	0.1	8	3.67E+10
			Avg	< MDL	<b>0.017</b>	<b>0.005</b>	<b>0.007</b>	<b>0.123</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>8</b>	<b>3.61E+10</b>
M	TN2002W	N80 / BTPM 8100335	1	< MDL	0.025	0.005	0.005	0.150	< MDL	0.1	0.1	4	2.25E+10
			2	< MDL	0.030	0.003	0.003	0.143	< MDL	0.1	0.1	3	2.64E+10
			3	< MDL	0.021	0.004	0.006	0.148	< MDL	0.1	0.1	4	2.01E+10
			Avg	< MDL	<b>0.025</b>	<b>0.004</b>	<b>0.005</b>	<b>0.147</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>4</b>	<b>2.30E+10</b>
XL	TN2004W	N80 / BTPXL 8100182	1	< MDL	0.015	0.003	0.003	0.127	< MDL	0.1	0.1	8	2.64E+10
			2	< MDL	0.016	0.003	0.005	0.109	< MDL	0.1	0.1	5	3.08E+10
			3	< MDL	0.015	0.004	0.003	0.116	< MDL	0.1	0.1	4	2.81E+10
			Avg	< MDL	<b>0.015</b>	<b>0.003</b>	<b>0.004</b>	<b>0.117</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>6</b>	<b>2.84E+10</b>

Remarks : < MDL - Less Than Method Detection Limit

**Conclusion**

The Nitrile Glove under Batch No : N800422 passed the above specification.

Prepared by :



Mr Leaw Wei Zhen

QA Manager

Approved by :



Ms Sabariah Salleh

Senior QA Manager